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Sample of Student Thinking for Math Camp 2011
Responses from MFM 2P1

If it takes 4 people 6 hours to repair a road, how long will it take 9 people to do the job if they work at the same rate?

There are 5 extra people.

takes 4 people 6 hours

5 people 5 hours

6 people 4 hours

7 people 3 hours

8 people 2 hours

9 people 1 hour.

It will take 9 people
1 hour to do the
same job.